



# भारत का राजपत्र

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No. 37]

NEW DELHI, SATURDAY, SEPTEMBER 11, 1971 (BHADRA 20, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta the 11th September 1971

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

21st August 1971

132604. Council of Scientific and Industrial Research. Production of paper gasket from bamboo pulp.
132605. Combustion Engineering, Inc. Apparatus for initiating the heat generation phase of an electroslog refining process.
132606. Jagat Punjabhai Palkhiwala. Transmission gears.
132607. J. C. Kattakayam. A process for utilisation of salvinia Moss for manufacture of roofing compounds boards etc.
132608. Colebrand Limited. Under-water spraying.
132609. Minnesota Mining and Manufacturing Company. Fluoroalkylsulfonamidoaryl Compounds.
132610. A. Braun. Improvements in or relating to free piston engine.
132611. A. Braun. Improvements in or relating to free piston engine. [Addition to No. 132610].
132612. A. Braun. Improvements in or relating to free piston engine.
132613. N. D. Bhatia. A process to prepare pellets of activated carbon.

23rd August 1971

132614. Council of Scientific and Industrial Research. Production of paper twine.
132615. V. N. Karali. Small spring tube less tyre.
132616. Biplab Busan Basu and Gautam Mondal. Improved flat file for filing documents.
132617. Vasant Engineering Ltd. Timing belts, 237GI/71

132618. Buckman Laboratories, Inc. High molecular weight polymeric compositions.
132619. E. R. Squibb & Sons, Inc. Fluorene-2-acetic acids and derivatives, process and method of using.
132620. M. Feltz. Ferrous alloys.
132621. Agfa-Gevaert N. V. Device for processing photographic material. (2nd September 1970).
132622. Unifoam A. G. Improvements in or relating to the production of polymeric foam.
132623. Telephon-U. 'Telegraphen-Fabriks-Aktiengesellschaft Kapsch & Sohne in Wien. Primary cells. (19th April 1971).
132624. K. N. Bahl. Tree Guard.
132625. F. G. Staros, I. V. Berg, V. M. Valkov, V. I. Khlebnikov, I. I. Meshechkin, G. V. Fedotov, E. I. Zhukov, O. S. Gorbachev and J. A. Chugunov. General purpose control computer for automation of industrial processes and scientific research.
132626. M. G. Koblents, G. F. Mitskevich, E. J. Polovets, and A. F. Zhevago. Reed switch.
132627. Etablissement Salgad. Explosive device.
132628. Sandoz Ltd. Heterocyclic compounds of low solubility and the process of their production.
132629. Emhart Corporation. Article transfer mechanism. [Divisional date 25th November 1969].
132630. Foster, Yates & Thom Limited. Improvements in or relating to moulding machines. (25th August 1970).
132631. Pierrel S. P. A. New laxative compound.
132632. N. Krishnan. Tube or hose binder.
132633. Jaipur Metals & Electricals Ltd. An improved loading and delivery unit for ejecting packed articles. [Divisional date 7th January 1971].
132634. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a body having anisotropic permanent magnetic properties.

132635. Bapat Brothers. Improvements in or relating to electromagnetic induction coupling device for obtaining variable speed drive.  
24th August 1971
132636. Mrs. Neela Arjun Bhagat. An agitating apparatus.
132637. D. J. Edwin. Direct current slip ring machine.
132638. Nedschroef Octrooi Maatschappij N. V. A machine for upsetting screw bolts and similar workpieces.
132639. Joseph Lucas (Industries) Limited. Electrical switch assemblies. (12th September 1970).
132640. Sherritt Gordon Mines Limited. Rotary Joint. (21st September 1970).
132641. Compret N. V. Improvements relating to exercising apparatus. (22nd September 1970).
132642. The Firestone Tire & Rubber Company. Improvement in method of removing volatiles from an elastomer.
132643. K. P. R. K. Nair and K. P. A. Nair. An improved door latch or lock.
132644. The Delhi Cloth & General Mills Company Limited. Improvement in or relating to electrolic cells for electrolysis of aqueous solution of alkali metal halides.
132645. Basanta Kumar Roy. Two wheel tractor.
132646. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for producing multi-colour effects by means of reactive dyestuffs of different fixation properties or colour-resists by means of reactive dyestuffs under other reactive dyestuffs. [Addition to No. 124067].
132647. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo dyestuffs and process for their preparation.
132648. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. A monoazo pigment and a process for its preparation.
132649. Siemens Aktiengesellschaft. Improvements in or relating to an electromagnetic disc brake.
132650. Fichtel & Sachs A. G. Contiguously stamped brake arm for bicycle hubs and its method of production.
132651. Ciba-Geigy AG. Process for the manufacture of signal dyes of the cationic series.
132652. L. Givaudan & Cie Societe Anonyme. Novel odorants.
132653. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Novel benzimidazols.
132654. K. Hayashibara. Methods for the fractionation of amyloses.
132655. G. R. Mansukhani. Flushing apparatus.  
25th August 1971
132656. S. B. Kumar and S. V. Sivathanu. Improvements in or relating to electric torch lamps.
132657. Eastman Kodak Company. Photographic developer compositions.
132658. Imperial Chemical Industries Limited. Polyester fibres with improved moisture regain. (9th September 1970).
132659. Uss Engineers and Consultants, Inc. Method for effecting the rapid heat-treatment of steel plate.
132660. Eli Lilly and Company. Method of inhibiting the hydrolysis of acetylsalicylic acid and d-propoxy-phene hydrochloride.
132661. Kungursky Mashinostroitelny Zavod. Turbodrill.
132662. Harish Engineering Works. Rotary screen printing machine.
132663. Beni Limited. Cut-in-relay for use in train lighting systems.
132664. Sandoz Ltd. New bis-(Triazinylamino)-Stilbenesulphonic acids.
132665. Cambridge Consultants Limited. Improvements in or relating to pattern printing apparatus. (26th August 1970).
132666. Beecham Group Limited. Enzymes. (27th August 1970).
132667. The Upjohn Company. Process for the production of 1, 3-dihydro-5-phenyl-2H-1, 4-Benzodiazepine-2-thione and derivatives thereof.
132668. The Upjohn Company. Process for the production of triazolobenzodiazepines and intermediates.
132669. The Upjohn Company. Novel 1-substituted-6-phenyl-4H-s-triazolo [4, 3-a] [1, 4] Benzodiazepines and a process for the production thereof.
132670. The Upjohn Company. Novel 1-substituted 6-phenyl-4H-s-triazolo [4, 3-a] [1, 4] Benzodiazepines and a process for the production thereof.
132671. The Upjohn Company. Novel 1-substituted 6-phenyl-4H-s-triazolo [4, 3-a] [1, 4] Benzodiazepines and a process for the production thereof.
132672. The Upjohn Company. Novel 1-trifluoromethyl-6-phenyl-4H-s-triazolo [4, 3-a] [1, 4] benzodiazepines and a method for the production thereof.
132673. The Upjohn Company. Amido and amino triazolo benzodiazepines.
132674. Dowty Technical Developments Limited. Hydraulic apparatus.
132675. Dowty Technical Developments Limited. Swash plate device.
132676. Dr. M. B. Sahasrabudhe. Processes for the preparation of specific anti-tumour sera and their uses.
132677. Ciba of India Limited. Process for the manufacture of isothiazolyl compounds.  
26th August 1971
132678. Fisons Limited. Chemical compounds. (26th August 1970).
132679. Fisons Limited. Chemical compounds. (27th August 1970).
132680. Dunlop Holdings Limited. Vehicle suspensions. (27th August 1970).
132681. Eastman Kodak Company. Photographic process.
132682. Pfizer Inc. Process for preparing  $\alpha$ -sulfo-and  $\alpha$ -sulfoalkylacylphenicillins. (19th April 1971).
132683. Dunlop Holdings Limited. Improvements in sieve screens. (28th August 1970).
132684. F. H. F. G. Splierings. Improvements in or relating to apparatus for cooling beverages.
132685. Inventa AG fur Forschung und Patentverwertung Zurich. Process for purifying lactams.
132686. Frunzensky Politekhnikhesky Institut Ministerstva Narodnogo Obrazovania Kirgizskoi SSR. A graphic answer input device for a teaching machine.
132687. Sandoz Ltd. A liquid preparation for dyeing and printing.
132688. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for hydrogenating aromatic hydrocarbons to naphthenic hydrocarbons of high purity and catalyst therefor.
132689. Friedrich Uhde GMBH. Process for the treatment of mercury-bearing wastewater.
132690. F. L. Smidh & Co. A/S. Processes for burning materials in rotary kilns and kilns for use therein.
132691. S. K. Karanjia. Multipurpose container for fluids.
132692. E. Vallak. Method and means for casting metals in ingot moulds or other casting moulds.
132693. Fosco International Limited. Refractory dressings for ingot moulds. (12th March 1969). [Divisional date 11th March 1970].
132694. Council of Scientific and Industrial Research. A new coating composition for thermographic paper production.

27th August 1971

132695. L. H. Green. Aerosol valve and sprayhead.

## ALTERATION OF DATE

124207. The claim to priority date 9th December 1968 has been abandoned and the application dated as of 27th November 1969, the date of filing in India.

132585. Ante-dated to 19th November 1969 under Section 5 of the Act.

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

124014. Fertiplant Engineering Co., Private Limited. Electro magnetic self priming water pump. Accepted on 13th August 1971.

*Comprises a water tight bottom chamber provided with a magnetising unit, a water tight central chamber, a top chamber which forms a suction and delivery chamber, a shock absorbing foundation seat for securely holding said three chambers, and a vibrating shaft having an armature fitted to its lower end.*

124101. N. V. Philips Gloeilampenfabrieken. Improvement in and relating to the manufacture of semiconductor devices. Accepted on 19th August 1971.

*Characterised in that plate shaped substrate of semiconductor material is provided on one side with a layer of semiconductor material of different conductivity and/or conductivity type, after which the semiconductor material of the substrate is locally removed from the side opposite layer to a depth lying near the boundary of the substrate with layer without transgressing boundary.*

124130. G. Rikabchand. Improvements in or relating to desiccation of cerium chloride. Accepted on 25th August 1971.

*Characterised by grinding the cerium chloride, introducing the ground cerium chloride into a furnace wherein the cerium chloride is either evenly spread on a heating member provided within the furnace or evenly spread on one or more plates within the furnace, closing the furnace and heating the interior of the furnace to 400 to 450°C and maintaining the interior of the furnace at such temperature till the cerium chloride within the furnace is completely desiccated, the moisture and chlorine gas forming during the desiccation of cerium chloride being removed from the interior of the furnace by suction; removing desiccated cerium chloride and grinding it in second set of one or more mills.*

124148. Bau-Stahlgewebe G. M. B. H. A reinforcing arrangement for slab-like concrete structures. Accepted on 25th August 1971.

*Comprising a first reinforcement constituted by reinforcing mats positioned with mutual overlapping at their edge region and a secondary reinforcement arranged in overlapping relationship with the first reinforcement and constituted by narrow mat strips.*

124160. F. Aspaas. A window system and a process for the production of the same. Accepted on 25th August 1971.

*Comprising a pair of frames hinged to each other each frame comprising profile pieces having a rear and a front face and a longitudinally extending channel web normal to the rear face, said web having a first channel portion and a second channel portion along opposed edges thereof.*

124192. Hayashibara Company. Process for preparing starch syrups. Accepted on 26th August 1971.

*Comprises dissolving a dispersing a starch by heating, cooling the same and adding an -1, 6-glucosidase and subjecting the amylolyzed solution to the action of an amylolytic enzyme or liquefying enzyme.*

124207. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Chrysanthemic acid esters, process for the manufacture thereof and insecticidal compositions containing such esters. Accepted on 27th August 1971.

*A tri (loweralkyl) amine salt of a chrysanthemic carboxylic acid is reacted with a halide.*

124276. Union Carbide Corporation. Ac gas shielded non-consumable electrode arc working. Accepted on 26th August 1971.

*Setting the product of the peak magnitude of alternating input current and the inductive reactance in said L.C. circuit equal to said necessary reignition voltage for sustaining conduction between electrode and workpiece.*

124383. Council of Scientific and Industrial Research. A process for the reduction of a vat dye or similar type of dyes. Accepted on 26th August 1971.

*Characterised in that dialdehyde starch is used as the reducing agent to prepare the dye bath.*

124416. K. A. Maringulov. A device for electrical connection of components of electric and electronic circuits. Accepted on 21st August 1971.

*Consisting of a two co-ordinate commutation matrix which is made in the form of a cloth type interlacing of insulating threads and non-contacting current lines.*

124514. Stolberger Zink Aktiengesellschaft für Bergbau und Hüttenbetrieb. A high-grade zinc alloy. Accepted on 25th August 1971.

*Alloy containing 0.05 to 0.25% titanium, from 0.02 to 0.20% copper, and from 0.005 to 0.5% aluminium, remainder a high grade zinc of 99.9 to 99.995% purity.*

125297. C. M. Ambrossi. Method for the production of ammonium sulphate without obtaining sulphuric acid as intermediate compound. Accepted on 24th August 1971.

*Characterised by reacting sulphur dioxide with gaseous ammonia in liquid or gaseous phase, thus obtaining anhydrous or hydrated ammonium sulphate as intermediate compound, which is then oxidised with air or through combustion in a dense or diluted phase reactor of mobile, fixed or fluidized bed.*

125317. A. S. Maras. Blades assembly for driving air. Accepted on 16th August 1971.

*Comprising a metallic or non metallic boss having two or more concave cuts running through the thickness of the boss, and blades are fixed to the walls of the cuts.*

125429. Mission Manufacturing Company. Percussion drill bit. Accepted on 21st August 1971.

*Characterised by a secondary cutter mounted on a piston carried by the drill bit for reciprocatory movement and a fluid passage to communicate with the fluid powered motor to tap power for driving the secondary cutter.*

125466. P. K. Kulkarni and V. P. Kulkarni. A closed circuit hydraulic vibration generator with its translatory motion applied to produce ploughshare vibration, operate percussion tools like concrete breakers and vibrators. Accepted on 25th August 1971.

*Comprising a driving cylinder with a spring loaded piston operated by an eccentric, an operating cylinder with a spring loaded piston and a reservoir cylinder.*

125477. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo dyestuffs and process for their manufacture. Accepted on 25th August 1971.

*Wherein an amine is diazotised and coupled in a known manner.*

125491. Sandoz Ltd. O. O. Dimethyl-o-[1-(1-methoxy-2-propoxycarbonyl)-1-propen-2-yl] phosphate, process for its preparation and pesticidal composition containing the same. (28th February 1969). Accepted on 21st August 1971.

*Reacting phosphorous acid trimethyl ester with 2-halo-acetoacetic acid 1-methoxy-2-propyl ester.*

125414. Norprint Limited. Improvements in or relating to label strip. (5th March 1969). Accepted on 21st August 1971.

*Comprising an elongated backing carrying a plurality of labels therealong, at least one edge of strip having a regularly castellated shape.*

125330. Libbey-Owens-Ford Company. Apparatus for bending glass sheets. Accepted on 17th August 1971.

*Providing resilient mounting means for shaping rail, comprising a plurality of yieldable resilient springs which space the rail above a base member.*

125554. Siemens Aktiengesellschaft. Improvements in or relating to discriminator arrangements for FM-Modulators. Accepted on 20th August 1971.

*In which output of FM modulator is fed to a wide-band discriminator and a narrow band discriminator connected in parallel with their d.c. output terminals, the voltages and currents of two discriminators adding, said output terminals connected to amplifier circuit controlling the FM modulator.*

125568 Associated Lead Manufacturers Limited. Improvements in stabilisers for synthetic resins. (10th March 1969). Accepted on 26th August 1971.

*Consists of a basic lead salt of an inorganic acid enveloped in an organic liquid which has been gelled by adding to it a lubricating stabilizer.*

125724. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Materials of linear polyesters and process for dyeing the same. Accepted on 24th August 1971.

*Comprises dyeing, with benzo-thi-oxanthene-dicarboxylic acid imide dyestuffs before final shaping.*

125747. Joseph Lucas (Industries) Limited. Electrical switches. (17th March 1969). Accepted on 21st August 1971.

*Comprising body, fixed and moving contacts, slider, pivot piece, means coupling pivot piece and slider, resilient detent member with legs having depression in which the pivot piece is engaged.*

125793. Moskovsky Institut Inzhenerov Zheleznodorozhnogo Transporta. A hydropneumatic shock absorbing device. Accepted on 23rd August 1971.

*Has a movable cylinder at the open side thereof, accommodating a floating piston interacting with movable parts of an automatic coupling and connected with a piston provided with through opening overlapped by a throttle valve during piston return stroke.*

125911. Diamond Power Specialty Corporation. Soot blowers. Accepted on 23rd August 1971.

*A carriage movably and guidably mounted on the frame, drive means on said carriage for effecting movement thereof between a retracted position and a projected position, guide means on said frame, a helically wound conductor disposed in said guide means having one end connected to the motor means.*

126051. Joseph Lucas (Industries) Limited. Electrical switches. (17th April 1969). Accepted on 24th August 1971.

*Including a pivotally mounted contact blade movable by a push rod from a first to a second position to complete the switch circuit and a heater circuit for returning the blade to the first position which is completed for a predetermined time which does not commence until the push rod is released.*

126058. The Goodyear Tire & Rubber Company. Apparatus for heating fibers in yarn or fabric in a continuous length element. Accepted on 23rd August 1971.

*Comprising gas-fired heater of infra-red radiation, means for moving fibers, a shield with gas flow aperture and means for adjusting the apertures.*

126116. G. R. Mansukhani. Improvements in/or relating to vacuum flasks. [Addition to No. 121529]. Accepted on 21st August 1971.

*Wherein bottom of the casing is provided with a threaded aperture fitted with an adjustable screw the top end of which screw presses the vacuum bottle against the seal thereby making it water tight.*

126158. Tea Board. Manufacture of soluble tea powder. Accepted on 21st August 1971.

*Comprising the steps of withering, rolling, fermenting the said leaves in open air, extracting the fermented materials with hot or cold water to obtain an aqueous infusion, clarification of the said cooled infusion in a centrifuge and drying the infusion.*

126159. L. S. Tamhankar. Tubular Sheathed heating element. Accepted on 23rd August 1971

*Placing a coiled heating element inside tubular member, creating a vacuum inside it, forcing microfine mica powder inside it, sealing off the two ends of it, and heating the so-packed tubular member at a temperature of about 1000°C to fuse and densify the mica powder.*

126258. Swift & Company. Improved process for producing flavoured protein foods and the product thereof. Accepted on 25th August 1971.

*Dispersing throughout a quantity of dry expanded protein material an aqueous solution of flavour ingredients and then dispersing therein a liquified fat having a.m.p. within the range 80° to 110°F and heating the expanded protein material to a temperature of 120°F to 180°F for a sufficient time to adjust the moisture content to about 1% to 10%.*

126283. Danfoss A/S. Electric switch with a snap-action system. Accepted on 23rd August 1971.

*Comprising omega spring contact system actuating element, snap action system having two steps, the said spring supported two points are adjustable.*

126345. Imperial Chemical Industries Limited. Smoking mixture. (1st May 1969). Accepted on 24th August 1971.

*Comprising at least as a part of the smoke producing material, a solid condensation product, produced by acid or base catalysed condensation of a product of the formula  $R'CO_2CH_2-CH_2-COR^2$  ( $R_1, R_2-H$ , alkyl, hydroxyl alkyl, formyl).*

126417. Dow Badische Company. Interfacial surface generator. Accepted on 25th August 1971.

*Comprising a solid body having an inlet end, an outlet end and a plurality of separate passage ways; opening on the inlet end essentially along a first line lying approximately through the center of the outlet end and being essentially normal to the first line.*

126545. Eszakmagyarországi Vegyiművek. A process for the continuous preparation of aromatic mono- and diisocyanates. Accepted on 21st August 1971.

*Reacting amine with phosgene successively in two coupled reaction vessels, using an excess of phosgene of between 5 and 20% calculated on the stoichiometrically required amount.*

126581. G. R. Mansukhani. Improvements in/or relating to vacuum flasks. Accepted on 24th August 1971.

*Characterised in that a receptacle fitted to basal end of protective casing the base of which basing holes or vents for allowing liquid in space between vacuum bottle and casing to drain out to receptacle.*

126694. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. A centering labyrinth packing. Accepted on 23rd August 1971.

*At the point of separation of the parts that are to be connected is introduced a profiled packing ring provided on its circumference with labyrinth chambers formed by radial webs designed as sealing lips which follow the axial and radial changes of the two parts.*

126789. Hindustan Lever Limited. Method of obtaining flavouring from mustard expeller cake. Accepted on 26th August 1971.

*Maintaining the cake in subdivided form in the presence of water under condition such as to bring about enzymatic hydrolysis of mustard flavour precursor an extracting the flavouring generated into a water immiscible phase of edible oil.*

127017. K. Watanabe. A bobbin case for sewing machines. Accepted on 25th August 1971.

*Consisting of a case body forming a bobbin concave grooves cross the front of the case body a sliding piece, a rising and falling piece on one end of said sliding piece and elastic material inserted in any of the said grooves.*

127039. Eszakmagyarországi Vegyiművek and Novenyvédelmi Kutató Intézet. A process for the preparation of substituted acylanilides. Accepted on 23rd August 1971.

*A substituted aniline is acylated in the presence of phosphorous trichloride under anhydrous conditions with a chloro-carboxylic acid.*

127126. Kiran Chandra Choudhuri, A. Ramamurthy, Biswa Nath Laha, and K. K. Shukla. Cashew nut shell liquid epoxy resin-coal tar pitch/bitumen composition. Accepted on 21st August 1971.

*A process of obtaining cashew nut shell liquid epoxy resin coal tar pitch or bitumen compositions, essentially comprises of mixing together solutions of CNSL epoxy resin and coal tar pitch or bitumen dissolved in a solvent and if necessary incorporating pigments, inhibitors, either to obtain thick built up with minimum number of coats*

*and/or to improve the inhibitive property and if necessary incorporating a drier like cobalt naphthenate for quicker drying.*

127139. The Tata Iron & Steel Company Limited. Mould coating compositions. Accepted on 24th August 1971.

*Mould coating composition comprising a mix of finely divided feldspar, boric acid, a suspensoid like grease and naphtha based oil.*

127673. Needle Industries (India) Limited. Holders for double ended knitting pins. Accepted on 25th August 1971.

*Comprising a pair of caps positioned on each end of the set of pins, said caps being adapted to be held together by a connecting member.*

127722. Celanese Corporation. Polyalkylene terephthalate molding resin and process for making the same. Accepted on 23rd August 1971.

*Comprising an intimate blend of a reinforcing filler and a polyalkylene terephthalate.*

127991. Gosudarstvenny Nauchno-Issledovatel'skiy I proektny Institut Splavov i Obrabotki Tsvetnykh Metallov "Giprotsvetmetobrabotka". Device for automatic control of hot-metal level in the mould of a continuous metal casting machine. Accepted on 24th August 1971.

*Comprising a control unit of an actuator of a control valve built into a hot-metal mixed, an electric regulator converting signals, electric units to limit the opening and closure of said control valve and coupled to control unit a series combination of a pulse transmitter converting the travel of said actuator into a discrete signal, a reversible counter and a decoder.*

127993. Nippon Kokan Kabushiki Kaisha. High temperature alloy steel. Accepted on 24th August 1971.

*Consisting essentially carbon  $\geq 10\%$ , silicon  $\geq 1\%$ , manganese 0.30—1.20%, chromium 7—10%, molybdenum 0.3—1.5%, vanadium—0.1—0.3%, niobium—0.15—0.5%, boron upto 0.012%, nitrogen up to 0.050%.*

128419. Det Norske Zinkkompani A/S. A process for separation of iron from zinc sulphate solutions. Accepted on 23rd August 1971.

*Characterized in that the jarosite residue is subjected to leaching with sulphuric acid thereby to condition any colloidal compounds present and to decompose the zinc ferrites present in the jarosite residue.*

128539. A. Sampson. Pericortical dental implant and inserter therefor. Accepted on 26th August 1971.

*Comprising a pair of clamp halves, each half having a relatively planar vertical wall, means interconnecting said clamp halves, and post means on one side of clamp halves for mounting an artificial tooth.*

128700. Swiss Aluminium Ltd. Vertical multiple continuous casting apparatus. Accepted on 26th August 1971.

*Comprising a distributing launder for holding the casting metal, a number of short continuous moulds, a common lowering platform, a cooling box.*

129025. A. L. Saralidze and A. L. Efremidi. High-voltage semiconductor rectifier unit. Accepted on 21st August 1971.

*Comprising a chain of series connected diodes and by pass capacitors disposed between common symmetrical metal screens.*

132585. N. V. Philips' Gloeilampenfabrieken. Improvement in and relating to the manufacture of semiconductor devices. Accepted on 19th August 1971.

*Characterised in that the bending spring has a thickness of less than 50 $\mu$  and the semiconductor device comprises a thickened, supporting rim for the flat bending springs.*

#### Opposition Proceedings

(1)

An opposition has been entered by Mrs. Chandrika Natverlal Kinariwala & Others of M/s. Kinariwala Dye-Chem Industries to the grant of a patent on application No. 111091, made by Ciba Limited.

(2)

The opposition entered by Sri Rameswar Banerjee to the grant of a patent on application No. 110759 made by Sri Joseph Rawlings as notified in Part III, Section 2 of Gazette of India dated the 25th January 1969 has been treated as dismissed.

#### Correction of Clerical Error

Under Section 17 of the Indian Patents and Designs Act, 1911, certain clerical error occurring in the specification of Patent No. 122559 was corrected on the 18th August, 1971.

#### Patents Sealed

116549, 117606, 118315, 118529, 118871, 119314, 119315, 119673, 119750, 120630, 120866, 121416, 121617, 121649, 121675, 121775, 121800, 121831, 121934, 121981, 121983, 122012, 122074, 122100, 122175, 122245, 122270, 122462, 122483, 123054, 123071, 123104, 123109, 123122, 123200, 123505, 123926, 124099, 124210, 124268, 125163, 125261.

(2)

114962, 115221, 117867, 118160, 119876, 120394, 120442, 120742, 120753, 120789, 120826, 121084, 121088, 121126, 121371, 121482, 121623, 121789, 122439, 122502.

#### Amendment Proceedings

The amendments proposed by Hercules Incorporated in respect of Patent No. 89490 as advertised in Part III, Section 2 of the Gazette of India dated the 8th May, 1971 have been allowed.

(2)

The amendment proposed by Heemanshu Traders on the 3rd August, 1971 in respect of Patent No. 92049 (Title:—Improvements in or relating to electric horns for motor cars, scooters and the like vehicles) has been allowed.

(3)

The amendments proposed by Sumitomo Metal Industries Ltd., in respect of Patent No. 115916 as advertised in Part III, Section 2 of the Gazette of India dated the 15th May 1971 have been treated as withdrawn.

(4)

The amendments proposed by Rodney Hunt Company in respect of Patent No. 116720 as advertised in Part III, Section 2 of the Gazette of India dated the 8th May, 1971 have been allowed.

(5)

The amendments proposed by National Distillers and Chemical Corporation in respect of Patent No. 118420 as advertised in Part III, Section 2 of the Gazette of India dated the 8th May, 1971 have been allowed.

(6)

The amendments proposed by Ciba Limited in respect of Patent application No. 118938, as advertised in Part III, Section 2, of the Gazette of India dated the 8th May, 1971 have been allowed.

(7)

The amendments proposed by the Goodyear Tire & Rubber Company in respect of Patent No. 119467 as advertised in Part III, Section 2 of the Gazette of India dated the 10th April 1970 have been allowed.

(8)

The amendments proposed by Basic Ceramics Incorporated in respect of Patent No. 120798 as advertised in Part III, Section 2 of the Gazette of India dated the 10th April, 1971 have been allowed.

(9)

The amendments proposed by Sumitomo Chemical Company, Ltd., in respect of Patent Application No. 121335 as advertised in Part III, Section 2 of the Gazette of India dated the 8th May, 1971 have been allowed.

(10)

The amendments proposed by Universal Electric Company in respect of Patent Application No. 121492, as advertised in Part III, Section 2 of the Gazette of India dated the 8th May, 1971 have been allowed.

(11)

The amendments proposed by Clevite Corporation in respect of Patent application No. 124473 as advertised in Part III, Section 2 of the Gazette of India dated the 3rd April, 1971 have been allowed.

#### Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

72427—M/s. Khodiar Industries.

92049—Messrs. Meemanshu Traders.

114157—Ministry of Railways (Railway Board).

114770—Ministry of Railways (Railway Board).

115504—M/s. B. K. Plastics Private Ltd.

117218—M/s. F. Hoffmann-La Roche & Co., Aktiengesellschaft.

#### Renewal Fees Paid

58362, 58387, 58389, 58583, 61327, 61588, 61718, 61734, 61834, 62981, 63005, 65009, 65096, 65123, 65131, 65260, 65300, 65362, 65437, 65654, 68890, 68955, 69013, 69042, 69076, 69147, 69149, 69150, 70200, 70806, 72837, 73095, 73114, 73127, 73128, 73142, 73159, 73180, 73219, 73296, 73302, 73313, 73331, 73342, 73350, 73383, 73460, 73463, 73502, 73750, 73833, 74053, 74211, 77976, 78204, 78205, 78252, 78260, 78264, 78381, 78542, 78560, 78565, 78697, 79098, 79815, 80635, 80636, 80637, 80638, 80639, 80640, 80641, 80642, 82244, 83702, 83764, 83857, 83867, 83870, 83876, 83923, 83924, 83988, 84009, 84053, 84173, 84177, 84201, 84214, 84215, 84283, 84304, 84312, 84333, 84359, 84481, 84731, 84856, 85156, 85257, 85871, 87131, 89522, 89544, 89668, 89669, 89684, 89720, 89726, 89748, 89768, 89772, 89797, 89803, 89846, 89933, 89934, 89962, 90005, 90014, 90170, 90437, 90794, 91131, 93331, 95252, 95308, 95358, 95359, 95360, 95409, 95434, 95468, 95479, 95480, 95562, 95578, 95580, 95632, 95633, 95634, 95636, 95637, 95661, 95747, 95773, 95817, 95820, 95821, 95950, 95951, 96159, 96265, 96559, 97297, 97945, 99600, 100762, 100991, 101307, 101314, 101318, 101321, 101334, 101362, 101379, 101384, 101385, 101398, 101417, 101426, 101469, 101471, 101491, 101492, 101571, 101574, 101592, 101611, 101617, 101635, 101657, 101686, 101729, 101745, 101747, 101755, 101765, 101793, 101871, 101933, 102041, 102045, 102161, 102196, 102248, 102284, 102287, 102367, 103023, 105424, 105425, 105499, 106637, 106694, 106704, 106770, 106774, 106787, 106796, 106801, 106852, 106871, 106889, 106894, 106912, 106913, 106923, 106933, 106948, 106980, 106996, 107021, 107022, 107025, 107057, 107073, 107093, 107094, 107109, 107117, 107121, 107138, 107139, 107140, 107143, 107144, 107152, 107153, 107221, 107223, 107255, 107275, 107314, 107644, 108013, 108042, 108450, 108748, 109046, 109121, 110085, 111318, 111667, 112046, 112062, 112066, 112119, 112123, 112147, 112149, 112179, 112208, 112214.

112230, 112231, 112268, 112271, 112294, 112307, 112403, 112433, 112479, 112480, 112588, 112592, 112720, 112721, 117368, 117564, 117574, 118063, 118618.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act 1911 for the restoration of following patent :—

No. 110091—Iswarlal Liladhar Mehta.

*Title* : Candle holder to hold the burning candle and to re-make a candle from the remnants of the burnt candle or candles.

The patent ceased on the 5th April 1971, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 21st August 1971. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 23rd October 1971.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138334. Dr. Jagdish Prasad Agrawal, Smt. Sushila Rani Agrawal and Suresh Kumar Agrawal, Amroha Gate, Moradabad, (U.P.). "Sprocket for lambretta scooter", January 15, 1971.

Class 1. No. 138356. Industrial Medical Engineers, 101, Darya Ganj, Delhi 6, a firm registered under the Indian Partnership Act, 1932, "Solid carbon dioxide making machine", January 25, 1971.

Class 1. No. 138416. Gopal Sharan Gupta, Indian National, 4B, Gandhi Gram, G. T. Road, Kanpur-7, Uttar Pradesh, India, "Locks", February 15, 1971.

Class 1. No. 138425. Lalubhai & Brothers (Powerkraft Division), An Indian Partnership Firm, 507, Steel Centre Building, Sant Tukaram Road, Bombay-9, Maharashtra, India, "A coupling", February 15, 1971.

Class 1. No. 138545. Tractel-Tirfor India Pvt., Limited., 15, Ganesh Chandra Avenue, Calcutta-13, West Bengal, an Indian Private Limited Company, "Pulley block" March 29, 1971.

Class 1. No. 138560. Geep Flashlight Industries Limited, 28, South Road, Allahabad-1, U.P. India, "A switch", March 30, 1971.

Class 3. No. 138305. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal. "A sole for footwear", January 6, 1971.

Class 3. No. 138331. Gulu Lalchand Mirchandani Indian Trading as Avon Industries, 22, Paras, Little Gibbs Road, Bombay 6, Maharashtra, "Sole for footwear", January 13, 1971.

Class 3. Nos. 138346 and 138347. M/s. Aurora Model Manufacturing Co., Pvt., Ltd., 15, Shakespeare Sarani, Calcutta-16, West Bengal, India, an Indian Company, "Toy glider", January 20, 1971.

Class 3. No. 138517. Pla-Age Industries, (an Indian Proprietary firm), 30, Baroda Street, Bombay-9, (Maharashtra), "Triangular Canisters with revolving tray", March 22, 1971.

Class 3. No. 138627. Jai Plastic Industries, An Indian Partnership Firm, 4/A-B, Industrial Estate, Raipur, Madhya Pradesh, India, "A table lamp", April 19, 1971.

Class 5. No. 138350. Crown Shoe Company, Preet Nagar, Sodal Road, Jullundur City, Punjab State, An Indian, "Carton", January 25, 1971.

Class 10. Nos. 138526 to 138535. Mona Traders Private Limited, an Indian Company incorporated under the Companies Act (Central Act No. 1 of 1956), 41, New Marine Lines, Bombay, State of Maharashtra, India, "Footwear", March 23, 1971.

Class 10. No. 138536. Mrs. Chandrabai Naraindas, Indian National, General Bhonsale Marg, Bombay-1, State of Maharashtra, India, "Footwear", March 23, 1971.

Class 10. No. 138674. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", May 14, 1971.

S. VEDARAMAN,  
Controller-General of Patents,  
Designs and Trade Marks

